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*Rolling Straightedge Results Questions and Answers*

*January 5, 2017*

**Question 1.** I performed a rolling straightedge test and completed the FDOT form on October 9, 2016. Does that need to go into MAC?

**Answer:** Straightedge samples and test data should be entered into MAC under MAC Spec 330 category Rolling Straightedge. If the rolling straightedge test was performed prior to October 10, 2016 and in accordance with the form instructions, those results do not need to be reentered into MAC. Submit the completed form to the project personnel who will retain it according to FDOT retention policy. Reentry into MAC is not required since MAC was not the system of record at the time the test was performed.

**Question 2.** I performed a rolling straightedge test in conjunction with the Laser Profile test. Does that data need to go into MAC?

**Answer:** On current tests, if the rolling straightedge is performed in addition to the Laser Profile and the rolling straightedge is performed in case of Laser Profile failures, the results may or may not need to be entered into MAC. There are a few scenarios. Each one is addressed below:

- If RSE is run before Laser Profiler & the Contractor wishes to use the RSE data later to resolve Laser Profiler identified areas, then...
  - RSE data is considered acceptance data (QC) & must be entered into MAC
  - Areas that must be resolved per 330-9.5 are:
    - Areas that fail RSE requirements (>3/16"), even if the areas haven't been identified by the Laser Profiler
    - Areas identified by the Laser that also fail RSE
- If RSE is run before Laser Profiler for contractor process control (PC) purposes only, then...
  - Pre-Laser Profiler RSE data is NOT acceptance data & shall not be entered into MAC
  - The pre-Laser Profiler RSE data CANNOT be used to resolve Laser Profiler identified areas
  - QC will have to run official RSE tests after the Laser Profiler identifies areas
  - Areas that must be resolved per 330-9.5 are:
    - Areas identified by the Laser Profiler that also fail the RSE tests that were run after the Laser Profiler
- If contractor runs RSE after Laser Profiler identifies areas to check with RSE, then...
  - RSE data is acceptance data & must be entered into MAC
  - Areas that must be resolved per 330-9.5 are:
    - Areas identified by the Laser Profiler that also fail RSE

**Question 3:** Am I required to fill out the Rolling Straightedge form (675-060-10) and enter the data into MAC? Isn't that double entry?

**Answer:** No, you do not have to fill out the form any more. This IS considered double entry to do both. The FDOT Forms and Procedures website has been updated with a note on the form stating the current form can be used for convenience of recording QC data results, but is not required to be used. MAC, as the system of record, replaces the requirement for the form to be completed and signed by all parties. The Verification technician's sample takes the place of the VT's signature on the form. If the form is used, it should be considered a QC raw data worksheet and attached to the QC sample under the documents tab.

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